

AMENDMENTS TO THE CLAIMS

1. (Cancelled)
2. (Currently Amended) An interface module according to claim + 4, wherein the transmitting interface unit includes witching means for causing the DDC signal generating means to output identification information associated with a plurality of video output display units when the switching means is switched.
3. (Currently Amended) The interface module according to claim + 2 or 2 4, wherein the DDC signal generating means comprises an integrated circuit that generates a signal equivalent to a DDC signal.
4. (New) An interface module for transmitting a digital video signal comprising:
a transmitting interface unit having (1) a first 4-core optical fiber cable, (2) a first 4-core male optical connector provided at one end thereof, and (3) a first digital visual interface (DVI) connector provided at another end thereof, said first DVI connector including a light emitting device unit converting RGB signals and clock signals from electrical to optical signals and a built-in display data channel (DDC) signal generating means for outputting identification information associated with a video output display unit and being attached to a first DVI connector terminal of a host device outputting a video signal;
a receiving interface unit having (1) a second 4-core optical fiber cable, (2) a second 4-core male optical connector provided at one end thereof, and (3) a second DVI connector provided at another end thereof, said second DVI connector including a photo detector unit

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converting RGB signals and clock signals from optical to electrical signals and being attached to a second DVI connector terminal of a video output display unit; and

a 4-core optical cable unit consisting (1) a third 4-core optical cable and (2) 4-core female optical connectors provided at both ends thereof, the 4-core female optical connectors designed to be engaged with the first and second 4-core male optical connectors,

wherein each of the lengths of the first and second 4-core optical fiber cable is greater than or equal to one fourth of the circumference of a circle whose radius corresponds to an allowable bend radius of the first and second 4-core optical fiber cable.